

20000407.qrp v01_n784.qrl.20000407

Date: Fri, 7 Apr 2000 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1784

QRP-L Digest 1784

Topics covered in this issue include:

- 1) [67351] New Kid On The Block
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 2) [67352] Virus Warning
by "Charles L. Stackhouse" <cstack@safelink.net>
- 3) [67353] ArkieCon Last Call !!!
by "Jay Bromley" <w5jay@alltel.net>
- 4) [67354] RE: DSW praise
by N10DL@aol.com
- 5) [67355] PROPAGATION: solar event phenomenon
by n5ib@juno.com
- 6) [67356] RE: TT2/MRX
by Nick Kennedy <nkennedy@tcainternet.com>
- 7) [67357] QRP-L and Virus propagation
by "Donny" <dsirait@centrin.net.id>
- 8) [67358] Re: CW pratice
by "Donny" <dsirait@centrin.net.id>
- 9) [67359] Yeah 2M is booming! Re: PROPAGATION: solar event phenomenon
by "Paul R. Valko" <prvalko@oakland.edu>
- 10) [67360] Re: CW pratice
by tailfeathers@juno.com
- 11) [67361] 160 Meters on Spring QSO Party
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 12) [67362] Fifield E-mail adr
by n4so@juno.com
- 13) [67363] FS: A&A Engineering QRP Rig
by Daniel R Case <drcase@iastate.edu>
- 14) [67364] Re: CW practice
by John Kuklewicz KQ6WC <kukl@cybrquest.com>
- 15) [67365] QTTF:Where are others setting up?
by Jeff <fantbb@yahoo.com>
- 16) [67366] Re: PROPAGATION: solar event phenomenon
by Nv4t@aol.com
- 17) [67367] OPERATING: voices from aether past
by n5ib@juno.com
- 18) [67368] CONTEST: QRP-TTF from W5KID
by n5ib@juno.com
- 19) [67369] QRPTTF Plans: K7FD

- by "K7FD-N7SG" <cqdx@teleport.com>
- 20) [67370] Antenna Question
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 21) [67371] Re: 160 Meters on Spring QSO Party
by Bob Patten <n4bp@bc.seflin.org>
- 22) [67372] Major Changes to Dan's Small Parts and Kits Page
by Jerry Parker <jparker@fix.net>
- 23) [67373]
by "Doug Hendricks" <ki6ds@hotmail.com>
- 24) [67374] Ocean State Electronics
by neil <neil@aade.com>
- 25) [67375] Re:QTF:Where are others setting up?
by K7GT@aol.com
- 26) [67376] Listers in Stockholm??
by PGSPersEng@aol.com
- 27) [67377] XCVR: Definitive Tick - SST installation.
by K7GT@aol.com
- 28) [67378] AT today (4/7) in NJ
by aa5yx@juno.com
- 29) [67379] TT C22 pricing?
by "Faith III, Don C" <FaithD@mail01.dnr.state.wi.us>
- 30) [67380] Re: Source for FT-243 crystals
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 31) [67381] FS: NC20, St. Louis Tuner
by "David Maliniak" <dmaliniak@vertical.net>
- 32) [67382] QRP ARCI Contest Certificates
by Randy Foltz <rfoltz@turbonet.com>
- 33) [67383] PC board etchants
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
- 34) [67384] QRPTTF
by Bruce Grubbs N7CEE <n7ceeqrp@earthlink.net>
- 35) [67385] Re: Antenna Question
by Ray Colbert <af852@rgfn.epcc.edu>
- 36) [67386] Re: Source for FT-243 crystals
by Jim Lyons <lyons@canada.com>
- 37) [67387] Question: Operating From Hotel Rooms
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 38) [67388] Anyone on the Appalachian Trail (AT) operating QRP this weekend?
by Sam Billingsley <SBillingsley@usaninc.com>
- 39) [67389] RE: Source for FT-243 crystals
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 40) [67390] Thanks to all for am transmitter help!
by "Donald Philbin" <donaldphilbin@hotmail.com>
- 41) [67391] RE: Source for FT-243 crystals
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 42) [67392] Re: QRPTTF Rules
by "John J. McDonough" <wb8rcr@arrl.net>
- 43) [67393] Re: Source for FT-243 crystals

- by "Tony Fishpool" <g4wif@btinternet.com>
- 44) [67394] Corrections/comments to CQ Magazine
by n4so@juno.com
- 45) [67395] Re: [Elecraft] KAT2 Toroid "anchors"
by DOCKROCK1T@aol.com
- 46) [67396] Re: QTTF:Where are others setting up?
by Dean W Manley <kh6b@juno.com>
- 47) [67397] Re: XCVR: Definitive Tick - SST installation.
by Allan G Taylor <agtaylor@llnl.gov>
- 48) [67398] FW: Geomagnetic Storm
by "Ed Tanton" <n4xy@att.net>
- 49) [67399] lowfers, medfers and hifers
by Anthony Felino <anthony@pacinfosb.com>
- 50) [67400] 40 meter QSO disaster
by Marty <N5NW@midsouth.rr.com>
- 51) [67401] Re: 40 meter QSO disaster
by "John J. McDonough" <wb8rcr@arrl.net>
- 52) [67402] Tick Keyer Piezo element
by Bcieslak@ra.rockwell.com
- 53) [67403] 10 m SSB Freq?
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 54) [67404] Re: 10 m SSB Freq?
by Ray Colbert <af852@rgfn.epcc.edu>
- 55) [67405] QrpDupe - Latest Version Posted
by Brian Kassel <bkassel@dancris.com>
- 56) [67406] HW-99
by Norm Melick <henmel@worldnet.att.net>
- 57) [67407] Re: lowfers, medfers and hifers
by "James Johnson" <kc5jpz@eudoramail.com>
- 58) [67408] QRP ARCI Spring QSO Party
by Dave Pomeroy <dave_pomeroy@yahoo.com>
- 59) [67409] WB8RCR QSL Program
by "Ron Polityka" <wb3aal@talon.net>
- 60) [67410] Re: lowfers, medfers and hifers
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 61) [67411] Re: WB8RCR QSL Program
by Shephed@aol.com
- 62) [67412] Get out & 'TEST
by "Rod, N0RC" <n0rc@qsl.net>
- 63) [67413] Balun ideas
by GUARDM@aol.com
- 64) [67414] Get out & 'TEST
by "Rod, N0RC" <n0rc@qsl.net>
- 65) [67415] Re: Antenna Question
by Ron Baldwin <ron_baldwin@fireclay.com>
- 66) [67416] Re: QRP ARCI Spring QSO Party
by "Rod, N0RC" <n0rc@qsl.net>
- 67) [67417] Nice surprise

by Roger Hightower <n7kt@worldnet.att.net>

Date: Thu, 6 Apr 2000 18:00:50 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [67351] New Kid On The Block
Message-ID: <0974781F4FC8D211A24600902727E806011B20A1@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

I wonder if that new guy feels at home yet. I sure hope he was thick skinned enough to take our kidding. I see there was some real good advice presented along with the fun. Most on this list have a good time and take us comedians with a grain of salt.

I have already deleted the "Newbie's" address, but if he would be so kind as to drop me a note, I think I have some of that silver plated wire I could donate for a dipole for 20 meters if you are interested. If the grounding question didn't apply to antennas and you don't need any, that's ok too.

Hal

Date: Thu, 6 Apr 2000 17:19:12 -0600
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: "William Stackhouse" <JBStackhouse@Juno.com>,
"Wesley Jenks" <jenksw@vivanet.com>, "Warren Johns" <WJohns22@aol.com>,
Subject: [67352] Virus Warning
Message-ID: <002401bfa01e\$90a10d00\$8b0d84d0@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The virus Pretty Park has been spreading itself around. I found it on my computer and you may have gotten it also.

I have bad news. What your computer sent me, without you knowing it, is a trojan horse worm program. (It's similar to a virus, but "bigger" in that it's a self-contained program.) When you ran the program, it infected your

system. Now it has mailed itself out to everyone in your e-mail address book. Some of the recipients will run it, it will infect their computers, and so on.

You're going to have to disinfect your system, and it wouldn't be a bad idea to warn everyone in your address book about it. Hopefully, they can avoid running the program. If they did run it, they need to know how to clean up from it.

The easiest way to tell if you have been infected with Pretty Park is to do a file search for: files32.vxd, if this file is on your computer you have been infected.

Go to <http://www.getvirushelp.com> and download their free program to remove Pretty Park.

Charlie

Date: Thu, 6 Apr 2000 18:43:10 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Subject: [67353] ArkieCon Last Call !!!
Message-ID: <00cd01bfa021\$f0c6f980\$289b66a6@w5jay>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I just got off the phone with Doug. He is standing by to board the airplane headed for Dallas where he will change planes for the last leg of the rodeo ride into Fort Smith. As some of you may recall, Doug's flight into Fort Smith last year, shall we say, was kind of bumpy. I know Doug will miss his roller coaster ride from Dallas to Fort Smith, because right now the weather couldn't be better. The wind is calm and the temperature is in the mid 80's.

After my last post on the pre-registration list, I was able to squeeze a few late comers and the list is now just barely over the 100 mark. With walk-in's, this will be a great turn out considering everything here in the Midwest is so spread out. But even though you are not pre-registered, we

will be glad to have you. With guest speakers such as Doug Hendricks, Paul Harden, Glen Leinweber, David Gauding and Jim Duffey we can't help but have a good time.

Also if you look at the list of attendees, there are some really neat people showing up, like Clifton Sikes and Dub Thornton. What you may not know about Dub, unless you have worked him on the air, he is one of those unique CW operators. The only reason, I happen to know this is after a CW contest in Dallas, a few years back, Chuck Adams walked over to Dub and asked him how he did. I later asked Chuck why he did that. His reply was "that guy can sure smoke it on CW". As many of you have witnessed during a fox hunt, Clifton is no slouch either. The reason why I am picking on these two (I also happen to like them) is the Forum and the Test Drive on Saturday night will be filled with guys like Dub and Clifton. So even if you can't make the Forum during the day, come out that night.

Ok. I have mentioned speakers at the forum, attendees, let's see what is missing. I need to make a prize update. We still have all the great prizes mentioned before, but I wasn't sure what Gary Diana from Embedded Research would be sending when I posted earlier. He dropped me an e-mail saying keyer. Well not only did he send one keyer but three keyers. One being a Tick-4 EMB Deluxe Keyer Kit and two surface mount Super Tick Kits. I can't think of one QRP event that Embedded Research and Gary Diana hasn't supported. Thanks Gary! These along with the other prizes will make a great QRP shindig. Good thing too because my mail lady, UPS driver and Federal Express agent are ganging up on me. It sure has been fun watching all the weird looks from the neighbors as the deliveries were being made.

Don't forget the main prize giveaway. Elecraft K-2 with Vern Wright's PW-1 antenna. Must be present to win all prizes!

The donated prize list are as follows:

1. Vern Wright's PW-1 portable antenna---Thanks Vern
2. 17m MFJ Cub---Thanks MFJ
3. 100 ArkieCon Log Books---Thanks Doug Hendricks
4. 1 - Fireball 40 transceiver kit (includes optional 1.5W amplifier and Tick keyer)---Thanks NJQRP
5. 1 - Tuna Tin 2 Kit---Thanks NJQRP
6. 1 - SOP Receiver Kit (with optional Freq-Mite AFA, enclosure and controls)
7. 2 - Atlanticon Proceedings books---Thanks NJQRP
8. Three SMK-1 transceiver kits with NJQRP club case and connector kits
Thanks NorCal and NJQRP.
9. Jackson Harbor Press PK-3 keyer---Thanks Marshall Elmm/Morse Express
10. Tech. Handbook for Homebrewers, Elmer 101 Issue of QRPP, 2N2/40 issue of QRPP.---Thanks Paul Harden
11. Doug Hauff custom blue anodized straight key---Thanks Doug Hauff.

12. 3 Tick Keyers---Thanks Gary Diana and Embedded Research.

If you are hot for one of those MFJ Cubs don't forget Gaylen, WB0W, will be selling the MFJ Cubs in the main Hamfest room for \$84.95.

Remember the Test Drive on Saturday night after the Forum. I hear the guys are catering in some barbeque in-between the prize give away at 4:00 pm and the Test Drive at 6:00 pm if you don't care for barbeque there are plenty of good eating places right around the corner. If you have ever wondered how one rig stacks up against another, what are the antennas that are talked about on QRP-L look like or work like, you don't want to miss Saturday night's test drive. We will have nearly every current rig available for your evaluation. As you know there are no perfect rigs, just whatever you need for a given QRP situation. This will be a great place to sort your needs out.

This will be my last post before ArkieCon, I want to thank everyone for coming and everyone who is not coming for putting up with my repeated posts on ArkieCon. Gang, as many of you know the Fort Smith QRP Group is a young organization and for a young group this is going to be an awesome event.

P.S. Chuck we miss you. Get well soon!

73 de w5jay..

Date: Thu, 6 Apr 2000 19:45:55 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [67354] RE: DSW praise
Message-ID: <47.2baf808.261e7bb3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I can't agree more. I have one for 30 meters and love it. ordered one for 20 meters and am waiting for it to show up. these will become my travel rigs. it's nice to know what freq. I am on.
Dave did a GREAT job on this one.

Aron
N10DL
Bedford, NH

Date: Thu, 06 Apr 2000 20:35:11 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [67355] PROPAGATION: solar event phenomenon
Message-ID: <20000406.193429.4671.1.N5IB@juno.com>

I'm listening to W1AW on 15 m right now with my GM15 and the signal has that warbly sound just like Paul, NA5H, alerted us to look out for. Fascinating. I've never really paid that much attention to odd propagation effects.

I was startled enough to turn on the TS430S, wondering if I had an instability in the GM. Nope, same sound.

Thanks, Paul, for the tutorial.

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 6 Apr 2000 19:41:59 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'tstabler@iunhaw1.iun.indiana.edu'" <tstabler@iunhaw1.iun.indiana.edu>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67356] RE: TT2/MRX
Message-ID: <01BFA000.2D2978C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

He has it posted on his web site at www.redhotradio.com

72,

Nick, WA5BDU

-----Original Message-----

From: Tim Stabler [SMTP:tstabler@iunhaw1.iun.indiana.edu]

Sent: Thursday, April 06, 2000 6:32 PM
To: Low Power Amateur Radio Discussion
Subject: TT2/MRX

Does Dave Fifield, AD6A, have an email address?? I had a couple questions for him.

Or, maybe someone could tell me what issues of QRPP had his articles in about his combined Tuna Tin 2 and MRX receiver. I have the diagram from RedHotRadio and was curious if some lines cross without connecting, or does each crossed line connect?? I saw Chuck Adams version at Atlanticon and would love to do one for me.

Thansk all.

Tim
WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718
FAX: (219)980-7125

Date: Thu, 6 Apr 2000 20:47:02 +0700
From: "Donny" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67357] QRP-L and Virus propagation
Message-ID: <008301bfa02d\$2093e8c0\$e4ee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Folks,

I think members of this list will not recieve a virus from QRP-L since QRP-L will not allow HTML formatted e-mails and e-mails with attachemets. Mails recieved from QRP-L are only in text format.

Therefore virus can only be propagated by

other means i.e. by other mailing list which allows HTML formats and or attachments, or by an infected QRP-L member system which use the data in the address book to send the virus to all the persons listed in the address book without the system owner being aware of it at all.

I am not expecting this posting to be a new thread so please save the bandwidth. However if anybody feels that he/she have to flame me please do it directly with text only and no attachments.

vy 73 de YB1B0D
Donny Sirait
Bekasi Indonesia

Date: Fri, 7 Apr 2000 08:02:13 +0700
From: "Donny" <dsirait@centrin.net.id>
To: "Monte Stark KU7Y" <ku7y@dri.edu>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67358] Re: CW pratice
Message-ID: <008401bfa02d\$21eb3b60\$e4ee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Ron & Folks,
----- Original Message -----
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, April 06, 2000 09:42
Subject: CW pratice

>
> BUT..... why don't I hear more stations on the air?

That's the problem Ron even though people pass the code exams but most of them (including me before) did not dare to start an actual QSO. I recall only after trying to call CQ without answering the station replying for 3 different occasions only I have the guts to answer and complete a QSO.

>

> If you need some CW pratice why not call CQ at the speed
> you want to pratice and keep at it until someone calls you
> back?

As I have mentioned above it needs the courage to actually
complete a QSO or try a higher speed than we are used to.

>
> Remember, the station calling CQ sets the speed for the
> QSO. If you don't find someone calling CQ at your speed, just
> call CQ yourself.
>
> There will never be enough nets on the air to always have one
> up and running every time you want one! :-)
>
> I don't know how many times I (and many others) have heard
> 10m without a single CW sig but at the same time it will be
> full of CB sigs. That tells you that it's a lack of activity
> that is the real problem.
>
> So if you want some great CW pratice and would like to make
> a new friend to boot, get on the air! :-)

My experience here in YB land elmering code proof that a lot
of the net participants were passive members meaning that they
were afraid to be embarased (to themselvs) when they make
mistakes. I therefore suggest those who want to start such net try
to find a buddy and set a sked for a QSO I believe after several
QSO you'll be more than confident to joint the faster net.

As Ron says Get On The Air.

vy 72 de YB1B0D
Donny Sirait
Bekasi Indonesia

Date: Thu, 6 Apr 2000 21:35:06 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: n5ib@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67359] Yeah 2M is booming! Re: PROPAGATION: solar event phenomenon
Message-ID: <Pine.OSF.4.21.0004062134080.18740-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Been working into 4 land from michigan via 2m aurora.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

On Thu, 6 Apr 2000 n5ib@juno.com wrote:

> I'm listening to W1AW on 15 m right now with my GM15 and the signal has
> that warbly sound just like Paul, NA5H, alerted us to look out for.

Date: Thu, 6 Apr 2000 21:59:27 -0400
From: tailfeathers@juno.com
To: agtaylor@llnl.gov
Cc: qrp-1@Lehigh.EDU
Subject: [67360] Re: CW pratice
Message-ID: <20000406.215931.-3999967.1.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I just worked some cw for the first time in ten years. I managed to work a guy in Akron Oh. I have had a hankering to do that for a long time. It wasn't pretty and the band tonight on 80m is warbling real bad. It wasn't quite qrp but I have never had my ts140 turned down and with a small tuner I wasn't sure how to work after all this time. Anyway that was fun. Qrp is next!

Gary

> GET ON THE AIR. WORK SOMEONE. CHOOSE A SPEED THAT IS COMFORTABLE OR
CHALLENGING.
> Just do it!
> Allan Taylor K7GT agtaylor@llnl.gov
> DXCC 2000 Mlnm. award /QRP -- 63 since 2/22/00
> SOC #6 QRP ARCI #10146 HI/QRP #93

Date: Thu, 6 Apr 2000 22:14:58 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>

To: Randy Foltz <rfoltz@turbonet.com>, qrp-1@Lehigh.EDU
Subject: [67361] 160 Meters on Spring QSO Party
Message-ID: <200004070215.WAA08703@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I will be doing a serious effort on the Spring QSO Party this weekend. I will be at the local club where I have a full size 160m loop with the top at 120' (possibly at 160' if I get time to pull it higher). If anyone is interested, I will fire up on 160 at 10 pm and 11 pm Eastern Daylight Time on Saturday evening. That should be late enough for the path to be dark enough to most of the country. I will be around 1.810.

Hope to work a couple of you.

73 - Bill - N8ET

Date: Thu, 6 Apr 2000 20:20:39 +0100
From: n4so@juno.com
To: qrp-1@Lehigh.edu
Subject: [67362] Fifield E-mail adr
Message-ID: <20000406.202039.10910.1.N4SO@juno.com>

Dave Fifield

fifield@pacbell.net

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 06 Apr 2000 21:40:42 -0500
From: Daniel R Case <drcase@iastate.edu>
To: qrp-1@Lehigh.edu
Subject: [67363] FS: A&A Engineering QRP Rig
Message-ID: <4.2.0.58.20000406212903.009a0480@drcase.mail.iastate.edu>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Greetings:

I have an A&A Engineering 20 meter QRP CW transceiver for sale. The rig is in excellent condition and works great. 5W output. Asking \$85 shipped CONUS o.b.o.

Dan
KB0JUL
drcase@iastate.edu

Date: Thu, 06 Apr 2000 19:44:16 -0700
From: John Kuklewicz KQ6WC <kukl@cybrquest.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67364] Re: CW practice
Message-ID: <38ED4B80.E31B399B@cybrquest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Check out:
http://www.qsl.net/w9em/code_buddy_description.html

This is a contact point for the Fists Club Code Buddy program.

To quote from the web page:

"...

You don't have to be a member of FISTS to participate in our Code Buddy Program, ...

...

In general terms, the FISTS Code Buddy Program matches an experienced CW operator with someone that wants to improve. They find convenient schedules and work one on one, on the air, to develop good operating skills and improve speed. It has been a very successful program....

"

I have a weekly sked with a ham in AZ and this regular contact has really helped me. At the very least, it provides a regular break from the rst/name/qth/rig/73 type of QSO that is all too common. Since both participants go in knowing what the other has to offer, the trepidation

factor is greatly reduced (at least it was in my case). And, my code buddy enjoys the contacts because it provides a break for him also.

Of course, he is practicing sending with his non-dominant hand. :->

John, W9EM, did a great job matching me up with a code buddy with very similar interests.

To pull a quote from Donny's post:

```
"...I therefore suggest those who want to start such net try
> to find a buddy and set a sked for a QSO I believe after several
> QSO you'll be more than confident to joint the faster net.
> ..."
```

73;

John KQ6WC

Donny wrote:

```
...
>
> >
> > BUT..... why don't I hear more stations on the air?
>
> That's the problem Ron even though people pass the
> code exams but most of them (including me before) did
> not dare to start an actual QSO. <...snip...>
> >...
>
> As I have mentioned above it needs the courage to actually
> complete a QSO or try a higher speed than we are used to.
> ...
> >
> > So if you want some great CW pratice and would like to make
> > a new friend to boot, get on the air! :-)
>
> My experience here in YB land elmering code proof that a lot
> of the net participants were passive members meaning that they
> were afraid to be embarased (to themselvs) when they make
> mistakes. I therefore suggest those who want to start such net try
> to find a buddy and set a sked for a QSO I believe after several
> QSO you'll be more than confident to joint the faster net.
>
> As Ron says Get On The Air.
>
> vy 72 de YB1BOD
> Donny Sirait
```

> Bekasi Indonesia

Date: Thu, 6 Apr 2000 20:09:15 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [67365] QTTF:Where are others setting up?
Message-ID: <20000407030915.9163.qmail@web118.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

This forthcoming QTTF K06GF and myself AB6MB will be on Angel Island which resides in the San Francisco Bay. The trip will entail us taking a ferry to the west side of the island. From there we will have to trundle over to the west side as there is a large hill right in the middle that blocks RF from the west very effectively! On the map it says it is a 20-30 minute walk but at the rate we move it will probably be quite a bit longer! 8-) We will be bringing a couple of QRP Pluses, big gell cell (Denis's thank god), 10-40 meter G5RV, 20 Black Widow like push up pole, slingshot,etc.

Enough food and drink to last the day I hope. 8-) Let's see one backpack for the gear and one for the food and drink. Sounds about right. 8-)

Where are others setting up?

Jeff

=====
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

Do You Yahoo!?
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<http://im.yahoo.com>

Date: Thu, 6 Apr 2000 23:20:46 EDT
From: Nv4t@aol.com
To: n5ib@juno.com, qrp-1@lehigh.edu
Subject: [67366] Re: PROPAGATION: solar event phenomenon
Message-ID: <18.229ebea.261eae0e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hey guys, 6mtrs was open from FL to HK and HC land tonite Couldn't tell if it was pure TE or some other exotic propagation!

73, Bill nv4t

Date: Thu, 06 Apr 2000 23:28:08 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [67367] OPERATING: voices from aether past
Message-ID: <20000406.222724.4543.1.N5IB@juno.com>

Had a nice 15 m cw QSO with W4BW in Greece, NY. About 30 minutes of chat with my GM-15 at a watt and a half.

Prose, W4BW, is 90 years young and has been a ham for 75 years. What a special QSO! Imagine the tales he can tell. And BTW - he had a fine fist. You can bet a QSL and a SASE are on their way north.

Made me feel like that teen-aged kid of yesteryear, timidly knocking on the door of my Elmer's shack.

Just a warm feeling I had to share...

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 06 Apr 2000 23:53:53 EDT
From: n5ib@juno.com

To: qrp-1@Lehigh.edu
Subject: [67368] CONTEST: QRP-TTF from W5KID
Message-ID: <20000406.225309.4543.2.N5IB@juno.com>

The Baton Rouge ARC / USS Kidd ARC will operate W5KID as a 25 point /MM entry from aboard the USS Kidd for QRP-TTF. We hope to have 20 m, 15 m, and 10 m stations, with 40 m a possibility, depending on propagation.

One rig in the regular station location in the aft radar jamming compartment, another probably near the bridge, and perhaps the third on the fantail. Will probably use my full complement of QRP rigs - DSW20, NW20, GM15, DSW40, HTX-10 w/cw adapter, plus another club member's HW-8. There used to be two K2's in town - but alas, they've emigrated - and mine is just a gleam in the Elecraft eye.

The Kidd is a WW2 Fletcher class destroyer, restored as a museum and memorial and moored in Baton Rouge, LA.

As a prelim to QRP-TTF look for W5KID on April 11. The station will be active (mostly ssb QRO) to commemorate the anniversary of a kamikaze attack off Okinawa in which over 30 sailors perished. Several members of the WW2 crew will be aboard for a reunion and memorial service (during which W5KID will QRT out of respect) Further details/frequencies of the April 11 operations will be posted late this weekend.

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 6 Apr 2000 21:01:46 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67369] QRPTTF Plans: K7FD
Message-ID: <003701bfa045\$ff40fd20\$d9231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K7FD is tentatively scheduled for an OC attempt near the blue Pacific. The QTH will be Yaquina Bay State Park in Newport, Oregon. Operation will mostly

Rig will be a K2. The antenna will be Hamsticks for 20/15/10 elevated just above the roof line of my Honda CR-V. Since the CR-V comes w/ it's very own picnic table and 12v off the back tailgate, most likely I'll have my very own QRPTTF tailgate party!

72 John K7FD
<http://www.teleport.com/~cqdx>

Date: Fri, 7 Apr 2000 00:09:12 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>
Subject: [67370] Antenna Question
Message-ID: <Pine.BSI.4.05L.10004070005110.5660-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a very old ARRL antenna hand book with a chart showing the above, but it doesn't cover the warc bands.

Thanks in advance.

[illegible]

Thom LaCosta Webmaster

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Date: Fri, 7 Apr 2000 01:16:23 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Bill Kelsey - N8ET - Kanga US <kanga@bright.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67371] Re: 160 Meters on Spring QSO Party
Message-ID: <Pine.3.89.10004070129.B8768-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 6 Apr 2000, Bill Kelsey - N8ET - Kanga US wrote:

```
>  
> fire up on 160 at 10 pm and 11 pm Eastern Daylight Time on Saturday  
> evening. That should be late enough for the path to be dark enough to most  
> of the country. I will be around 1.810.
```

>
I'll be there, both times.

73,
Bob Patten, N4BP (0 0) Plantation, FL
o00o-()-o00

E-Mail: n4bp@bc.seflin.org
 Web Page: <http://www.qsl.net/n4bp>
 Brass Pounder BBS: (954) 472-7715
 SOC #1 Whiners #6

Date: Thu, 06 Apr 2000 22:43:14 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [67372] Major Changes to Dan's Small Parts and Kits Page
Message-ID: <2.2.32.20000407054314.00ed7bb8@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dan has made major changes to much of his page, especially the `kit` section.

Check it out...

<http://www.fix.net/dans.html>

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Thu, 06 Apr 2000 22:25:31 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-1@lehigh.edu
Message-ID: <20000407052531.79629.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, just got in to Ft. Smith, and happy to say the rodeo ride was easy, didn't get bucked off this time. But another round Sunday. Jay has house full of prizes, and is wound up tighter than a drum, but I'll get him to relax.

Sure has a neat forum planned, prizes, great speakers (Chuck miss you already, take care of yourself and see you at the other great QRP Forums coming up, Dallas, Ft. Tuthill and Pacificon!!) and the Hamfest will be neat too. See you tomorrow night at the Ribeye Restaurant, and the Turkey Fries are on Keith Newman, grin.

72, Doug, KI6DS

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Date: Thu, 06 Apr 2000 22:33:27 -0700
From: neil <neil@aaade.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67374] Ocean State Electronics
Message-ID: <38ED7327.2B046DB4@aaade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just found Ocean State Electronics homepage. Had their catalog for years. All the hard to find homebrew components.
If your an oldtimer like me it will remind you of the old Burstien Appleby catalogs. Check it out.

<http://www.oselectronics.com/index.htm>

Normal disclaimers. Just a neat source of things you though were no longer available.

--

Neil

<http://www.aade.com>

<mailto:neil@aade.com>

Almost All Digital Electronics

1412 Elm St. SE

Auburn, WA 98092

253-351-9316

Date: Fri, 7 Apr 2000 02:03:09 EDT

From: K7GT@aol.com

To: qrp-1@lehigh.edu

Subject: [67375] Re:QTTF:Where are others setting up?

Message-ID: <b8.4147cd0.261ed41d@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

K7GT and N6NU will be looking for a place to plot GT's daysailer in the water near

Alameda Island or perhaps off of Palo Alto, both in San Francisco Bay and a definite class MM entry. Quad spreaders off stern and bow (14') and another one

off the mast (26+15') should help support some wires. It will be floating but tied to

a dock right next to where the Enterprise used to live. (No kiddin') That is, if there

is room to do so without being in the way of others. A scouting trip is coming Saturday.

If the site I have in mind doesn't pan out, it will be a solo event for GT up on

Pleasanton Ridge at last year's site. It is a stone's throw from both the infamous

"Frog Pond" and another larger but nameless (so far) reservoir for the range cattle. Pleasanton Ridge has a wonderful 1200' drop to the ENE and a view of the

Sierra Nevada mtns as well. I had visions of operating from Rose Peak, elev 3817',

until this year's theme was announced. Nil water up there but a great view of most of CA. And it is accessible before the snowmelt in June/July. Does anyone want to do a 20 mile backpack Field Day expedition??

Advance wilderness alert: K7GT and N7XJ are planning an 8-day backpack venture into the Great Western Divide, in the Sierra Nevada east of Visalia. This area lies in Sequoia Natl Park. August 26 - Sept 2. Bands 40 and 20 for sure, perhaps 30, 15, and maybe 10. As the ridges there are quite high and lightning prone, we will not necessarily have perfect operating sites but will be on appropriate bands as much as circumstances allow.

Allan K7GT

k7gt@aol.com

Date: Fri, 7 Apr 2000 02:04:07 EDT
From: PGSPersEng@aol.com
To: QRP-L@lehigh.edu
Subject: [67376] Listers in Stockholm??
Message-ID: <bf.21dbf97.261ed457@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hej,

If we have any Listers in Stockholm, I'd sure love to meet up with you. I'm visiting your beautiful city on a business trip from 28.April through 4.May. I would love to do some operating as SM/AA1MI. I'll try setting up in my hotel, but it would be great if I could visit someone's station. In addition, just the chance to chat with some local QRPers would be wonderful all by itself.

So...if anyone from Stockholm is reading this and has a few hours to spend a visitor from W1 land, I'd sure like to hear from you offline!

72,
Paul G Schreier AA1MI Rye, NH
aa1mi@ARRL.net
QRP-L #360 WAS/QRPp (<1W) DXCC/QRP
President, Port City ARC (W1WQM)

Date: Fri, 7 Apr 2000 02:37:11 EDT
From: K7GT@aol.com
To: qrp-1@lehigh.edu
Subject: [67377] XCVR: Definitive Tick - SST installation.
Message-ID: <c3.3d15026.261edc17@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

All the kinks are out, final resistor values are chosen, and it works slick as well as looks slick. AL7FS and G3YCC please copy for your SST file!

Here's what I did:

I installed a 'bare' Tick1 chip underneath the PCB of the Sierra , just toward the front of the rig from the key jack. There is just enough room between the pre-existing solder pads to fit the 8-pin Tick chip there with its legs in the air. I oriented it with pin 1 to the bottom right corner of that spot with the back panel away from the viewer. I used double sided carpet tape but there are more elegant solutions surely.

Connections:

1. Mount a 5V regulator chip across the 100uF power in capacitor, C18. 'In' to +, Common/Gnd to -. I put a wire insulation scrap on the Common lead to keep it from undesired contact with other metal. The 'Out' pin goes to pin 1 of the Tick chip. Also needed is a .1 uF from the Out Pin to the Common pin of the VR chip. Others (notably W9AC in a post a few years ago) have used a pair of LEDs to get the desired drop from an 8V trace down to the necessary 3-5V for the Tick. Bootlegging across the existing big electrolytic simplifies installation and reduces part count.

2. I mounted a R/S 3-connector jack immediately above the key jack on the back panel, terminals up (dead bug style all the way!). Ground pin (pin 1) of the jack to pin 8 of the Tick. Tip (pin 2) of the jack to pin 7 (Dit). Ring (pin 4) to pin 6 (Dah) of the Tick. I used some leftover #26 wire from winding toroids, green for one,

red for the other. More colorful and keeps the SSTs weight from escalating (!!)

3. I mounted a 2N2222A (R/S) across the two access pads/holes immediately adjacent to the SSTs key jack. Collector to K, emitter to G. Then the base through a 4.7K to pin 5 (Keyline). Also from pin 5 I put a .001 uF to ground (this is C2 on the Tick installation diagram). I used the ground terminal pad on the d.c. coaxial jack adjacent to all of this.

4. Remove pin 2 of the Tick. (Don't use it and it will get in the way otherwise.

5. Pin 4 to a pushbutton on the front panel above and to the right of the tuning pot. I chose that spot because it is an easy wire run to the back of the rig along the PCB and I control the P/B for programming the Tick with my left hand/thumb. My right hand is then on the paddles for the appropriate input from the paddles. The SST (small as it is) is more stable this way when I push the button for programming.

6. From pin 3 of the Tick, form a resistor divider with, first, a 220K (R3 on the Tick installation schematic) and a 27K (R2 on the schematic). R2 goes to ground. I used pin 8 and wrapped R2 around the right hand end of the chip. To the junction of R2/R3, connect a .1 uF cap and route it carefully (I again used recycled wire insulation) to pin 1 of U3, the LM386N AF amp chip. I chose pin 1 of U3 instead of pad A as it was a shorter run to pin 3 of the Tick and the resistor divider I had constructed there. The schematic called also for a .1 uF from the AF amp end of the first .1 uF cap, to ground, and I originally had one installed from U3 pin 1 to pin 4 gnd). Upon cleaning up the wiring I broke the end lead out of it. The replacement was apparently bad as it caused the audio stage great grief. I removed it, sidetone and keying are fine, so left it out of the final arrangement. In a situation with more RF running around it may be necessary but not in my SST at a roaring 3.5W.

7. I applied appropriate pieces of electrical tape to keep parts from touching.
Parts are fairly compactly arranged around the Tick chip, especially pins 8, 1, and
3. Some tape over the whole business and put the case back on.

Why did I go to so much trouble? Well its like this. I had a Tick1 chip left over
from a NC20 that had been upgraded to Tick 3. I also wanted to have the upstairs
of the SST be very clean and not prone to breaking of wires upon fiddling with
things in the field. Squeezed between the case bottom and the PCB with tape
appropriately applied won't allow these parts to even think of moving.

I give this somewhat lengthy narrative as a guide to other beginning builders
and
to show that the Tick can be cleanly installed without the PCB from Embedded
and the associated parts kit. The .1 uF caps came from the NorCal cap kit,
the resistors from NorCal resistor kit, the .001 from R/S (none in cap kit),
the pushbutton is from Mouser (10PA018 for Red) and is a very small and nice
little momentary P/B.

73 and listen for this little rig in August!

K7GT

k7gt@aol.com

Date: Fri, 7 Apr 2000 06:08:57 -0400
From: aa5yx@juno.com
To: qrp-l@lehigh.edu
Subject: [67378] AT today (4/7) in NJ
Message-ID: <20000407.060858.8574.1.aa5yx@juno.com>

At about 3pm EDT (1900Z), I'll be on 7040/14060 from the Appalachian
Trail near the intersection of Warren and Sussex counties in NJ. I'll be
operating for about 3 hours with my NC40a and DSW20 to an inverted V. 10
alkaline C cells for power.

For the 1st half of each hour, I'll be on 40meters.
For the 2nd half of each hour, I'll be on 20 meters.

Looking for other AT trail states for my AT award and happy to provide NJ
for others needing it for their award.

John Harper AA5YX/2
HW-9, OHR-100A/20, Norcal 40A, SST30, SST40, DSW20
Outdoor QRP Page: <http://home.att.net/~j..harper>

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 7 Apr 2000 06:38:32 -0500
From: "Faith III, Don C" <FaithD@mail01.dnr.state.wi.us>
To: "'QRP-L@lehigh.edu'" <QRP-L@lehigh.edu>
Subject: [67379] TT C22 pricing?
Message-ID: <54F85D7F6DE2D01184EF0000F80495350272A06D@MAIL04>
MIME-Version: 1.0
Content-Type: text/plain

Hi Guys.

I have a nice TT Century 22 w/ a TT power supply (7A) and it is set up to use one of Mike Gipe's Blue Sky Engr. freq. displays (outboard, included).

There is a local swapfest in town here on Sunday and am considering parting with it.

Any ideas from you all as a reasonable selling price for this rig?

It is a DC (direct conversion) rig, has good ears but I just don't use it enough to justify keeping it: I've got a K2 that I use almost exclusively.

Tnx, 73 (es 72) de N9WR, Don C. Faith III

Later this afternoon and this weekend, reply to: Faithd@tds.net

Date: Fri, 7 Apr 2000 09:04:10 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [67380] Re: Source for FT-243 crystals
Message-ID: <200004071404.JAA07149@mail.lib.colum.edu>

Sorry if this isn't timely. Something has been disrupting digest deliveries to my address. I never got Monday or Weds. and only got Tues. and Thurs. this morning.

Anyway, I understand that CW Crystals is "QRT". Don't know if Jan or International still supply the FT243 style, but would expect them to be kinda pricy.

However, I seem to recall an article in one of the ham magazines mid-1980s or so that told how to open up a surplus FT243 and regrind the crystal to your desired frequency (which is essentially what CW Crystals did, at least in the case of the dozen or so I have with their label on.) It didn't sound hard, nor terribly time consuming, though you'd need a good counter or calibrated receiver and a test oscillator to try the crystal in every so often until you got it right. Not suitable for those who need a really precise frequency, but should be fine for QRP homebrewing. I suspect the article was in 73, since I read them every month back then. It doesn't sound like QST, but I could be wrong...

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fufffle/>

Date: Fri, 7 Apr 2000 10:02:07 -0400
From: "David Maliniak" <dmaliniak@vertical.net>
To: <qrp-l@lehigh.edu>
Subject: [67381] FS: NC20, St. Louis Tuner
Message-ID: <000201bfa099\$df520c80\$0b01a8c0@vertical.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NorCal 20 transceiver, with some AB7MY/W6EMD mods and 10-turn tuning pot.
Case is unfinished aluminum. With docs \$110 shipped.

St. Louis Tuner, case red/panels white, works FB. With docs \$80 shipped.

Please reply via private e-mail.

72,
David N2SMH
Glen Rock, NJ

Date: Fri, 07 Apr 2000 07:03:21 -0700
From: Randy Foltz <rfoltz@turbonet.com>
To: qrpl_post <qrpl-1@lehigh.edu>
Cc: Steven Pituch <w2my@ev1.net>
Subject: [67382] QRP ARCI Contest Certificates
Message-ID: <38EDEAA9.72D67DB8@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings, gang.

Over the past two weeks or so I have received several notes thanking me for the QRP ARCI contest certificates. You are welcome. It was a team effort to get out over 100 certificates from all of 1999 and the first contest of this year.

The team consisted of me, K7TQ, Steve, W2MY, and Russ, AE4NY. I received your summary sheets and logs, checked, sorted, and determined the winners in each state, category, and the over all winner. I sent this info to Steve who printed the certificates. He sent them to Russ who put them into the protectors, stuffed them into envelopes, and mailed them.

All the errors were mine. All the great printing job was Steve's. And all the labor intensive work of stuffing and mailing was Russ's.

...now you know the rest of the story.

73,
Randy, K7TQ
QRP ARCI Contest Manager

P.S. We didn't do the FB Zombie certs. Those came from Paul, NA5N, and Jan, N0QT.

Date: Fri, 7 Apr 2000 10:47:54 -0400
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
To: "'qrpl'" <qrpl-1@lehigh.edu>
Subject: [67383] PC board etchants
Message-ID: <56AE25C909CED311BEA70000D11AD11E3A0BA4@l3c-xchg-cse.mail.cse.1-3com.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Group,

There was a discussion of printed circuit board etchants, their usage and disposal last week on this list.

While looking for something altogether different I found some info on the subject on the Kepro site

<http://www.kepro.com>

You may be familiar with Kepro as a supplier of printed circuit board, supplies and equipment for fabricating the boards. Check the above URL for info related to etchants. In particular they have a link to a site with data on disposal of spent material in a benign manner.

<http://www.kepro.com/fmc4.htm>

Check it out!

72/73,

Joe E., N2CX

Date: Fri, 07 Apr 2000 07:48:29 -0700
From: Bruce Grubbs N7CEE <n7ceeqrp@earthlink.net>
To: qrp-l@LeHigh.edu
Cc: wshogin@primenet.com
Subject: [67384] QRPTTF
Message-ID: <3.0.5.32.20000407074829.009c06e0@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Arizona ScQRPion Navy, Northern Fleet (K7BUG and N7CEE), is probably going to set up in a small boat on one of the little lakes southeast of Flagstaff.

72

Bruce

Please note my new email address:
n7ceeqrp@earthlink.net
Bruce Grubbs

Date: Fri, 07 Apr 2000 08:55:23 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: baltimoremd@baltimoremd.com
Subject: [67385] Re: Antenna Question
Message-ID: <38EDF6DB.9A5A6C72@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used a similar length when operating from my hotel in Belize as V31XE over the past years - ran as a sloper but as a horizontal should work ok too. My wire was about 67 feet long, straight from the post on the tuner, with 4 or 5 counterpoise wires for the bands of interest, on the groundpost of the tuner. 80 was not so good, but on 40, 30, 20 it worked very well. And tuned up on 17 and 15 but the bands were not open at that time. Best dx was LU, DL and LZ on 40 and ZS5 on 30 meters. Because of the hours of operation, no Pacific or Fare East stations were were worked. My maximum power was 4 watts with the FT757sx on one trip and the QRP+ on others.

The point is that I think you have the basic length already, and with the counterpoises attached, ready to go and it does work quite well (or should) on the WARC bands. It is basically a 3/4 wave endfed for 30, shifting more to a directional pattern with some gain as you go higher in frequency. Good luck.

73
Ray

--
"The more I see of the representatives of the people,
the more I admire my dogs."
letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
(also w5xe@juno.com)ARRL VE, El Paso,(FAR WEST) TEXAS

Date: Fri, 07 Apr 2000 10:35:38 -0400
From: Jim Lyons <lyons@canada.com>
To: qrp-1@lehigh.edu

Subject: [67386] Re: Source for FT-243 crystals
Message-ID: <3.0.5.32.20000407103538.0088d100@pop.videotron.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii

ka9nzi@arrl.net

At 09:04 AM 07/04/00 -0500, you wrote:

>
>
>However, I seem to recall an article in one of the ham magazines
>mid-1980s or so that told how to open up a surplus FT243 and
>regrind the crystal to your desired frequency (which is
>essentially what CW Crystals did, at least in the case of the
>dozen or so I have with their label on.)

My experience with grinding crystals was that it was easy to get a precise frequency so long as it wasn't too far from the original. Trying to move a rock too far was time consuming and very prone to destroying the crystal no matter how much care I took. I also tried etching with Hydrofluoric acid (HIGHLY dangerous stuff!!) but don't recall that that was significantly better). I think the problem with grinding is that you have to keep the two surfaces of the crystal parallel and I found that hard to do by hand even though I used a figure of eight movement and rotated the crystal through 90 degrees every few strokes.

If you have some old crystals, give it a try. I just used scouring powder and a flat glass plate. Wash with clean water, dry with a lint free cloth and check frequency regularly.

I also managed to edge ground FT241 crystals for a 455 kHz filter I built. I supported the crystal in a small vice without removing it from the permanent attachment and used a fine carborundum stone to edge grind. I still have a recording, made in 1966, at my then QTH in Scotland, of my SSB signal being played back from the US over 20 meters, one of my treasured possessions.

I used that same homebrew SSB rig at 10 watts, with a long wire at 20 feet, to carry on a long conversation on 20 m with Dorothy Strauber who used to write for CQ. She was so impressed with QRP performance that she wrote it up in CQ, we know that was nothing special :-)

Jim Lyons, VE2KN, ex-GM3GUJ
Montreal

Date: Fri, 7 Apr 2000 11:00:16 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.edu>
Subject: [67387] Question: Operating From Hotel Rooms
Message-ID: <125490A005E3D3118C9C00805FC743CC3E19B6@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Posted from private email with permission:

-----Original Message-----

From: Tennisldr@aol.com [mailto:Tennisldr@aol.com]
Sent: Thursday, April 06, 2000 5:34 PM
To: W1RFI@arrl.org
Subject: Question: Operating From Hotel Rooms

Ed,

I have been QRP from the home QTH for quite some time and am considering purchasing a K2 to take along on business trips. However, most of my trips take me to large urban or suburban hotels which offer great height (say 20-30 stories), but definately confine one to indoor operating. While I've read the occasional post about guys loading up window frames and bed posts or tossing long wires out the window, my general opinion has been that being in one of these hotels is like trying to operate from inside a massive piece of sheilding, so I have not really tried it!

What have your experiences been? Can one have success from these large sealed-up indoor hotels? Or is this more effort than it is worth? -- Mike Reisner, AA9RH

I respond:

Hi, Mike,

I have not had very good results from inside these hotels. The times I have tried an indoor antenna, it has not loaded well, has heard a lot of noise from hotel computers/tvs/hair dryers and has not given me very good results. One might make QSOs during a contest by working the better stations, but for routine ragchews, it is not really great.

The times snuck a wire out the window, I have encountered the "antenna police" rather quickly.

In some hotels, you might be able to put up a mobile whip on a balcony or hotel window. See <http://www.superantennas.com> for an example of one that might work. It is a "screwdriver motor" type antenna, without the motor; one adjusts it manually. The whip is in sections, and no part of the antenna is >12 inches, so it all fits in a briefcase. It comes with a bracket that one uses a C clamp to fasten to a window sill, railing, etc. It uses a wire counterpoise for a ground.

I have also had good results by bringing my DK9SQ mast. (I built a PVC carrying case -- perfect as checked luggage. I have also hand carried it on the plane as a carry on. The mast weights about 3 pounds.) I then take my rig, the mast, a keyer and an inverted vee off into some obscure corner somewhere, spend about 10 minutes setting up (9 minutes of which is spent untangling the inverted vee) and have a nice antenna up about 30 feet or so. One could also do a vertical for 40 M, or a ground plane for 20 M. The antenna police might come along, but as long as the wires don't look like they would endanger other guests, you will probably be okay.

This is a great question for the list. Mind if I post the question and my answer? I am sure other opinions and experience will vary. I have also cc'ed our TIS guy, so this could even end up in the Doctor column. :-)

73, Ed Hare, W1RFI

-----Original Message-----

From: Tennisldr@aol.com [mailto:Tennisldr@aol.com]

Sent: Thursday, April 06, 2000 5:34 PM

To: W1RFI@arrl.org

Subject: Question: Operating From Hotel Rooms

Ed,

I have been QRP from the home QTH for quite some time and am considering purchasing a K2 to take along on business trips. However, most of my trips take me to large urban or suburban hotels which offer great height (say 20-30 stories), but definately confine one to indoor operating. While I've read the occasional post about guys loading up window frames and bed posts or tossing long wires out the window, my general opinion has been that being in one of these hotels is like trying to operate from inside a massive piece of sheilding, so I have not really tried it!

What have your experiences been? Can one have success from these large sealed-up indoor hotels? Or is this more effort than it is worth?

Thanks

Mike Reisner, AA9RH

Date: Fri, 7 Apr 2000 11:02:17 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>, "klqrp_submit (E-mail)" <klqrp@waterw.com>
Subject: [67388] Anyone on the Appalachian Trial (AT) operating QRP this weekend?
Message-ID: <66FCE0D1DF76D311913800805F6D0FA3944B8B@mailserver1.usan.com>
MIME-Version: 1.0
Content-Type: text/plain

I'll be free this weekend and operating from my home station but I would like to try to help any AT QRPers to get contact on 80/40/30/20/15/10 mtrs.

If there's a chance then send me a day,time band (in UTC) .Try to set a one (1) hour window.

Tell me your power and antenna and I listen out for you based on your schedule.

Sam Billingsley AE4GX Atlanta, GA
personal web page at <http://ae4gx.home.mindspring.com/>
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Date: Fri, 7 Apr 2000 11:02:55 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: "Alvareztorres, Al, AA1DO" <aalvareztorres@arrl.org>
Subject: [67389] RE: Source for FT-243 crystals
Message-ID: <125490A005E3D3118C9C00805FC743CC3E19B7@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

>From the QST search engine:

ARRL Periodicals Index Search

Items 1 to 19 of 19

Issue Page Title Author

Aug 1970 QST 55 On Grinding Crystals (Technical Correspondence) Beichner,
F. Charles, K5KZA

Sep 1969 QST 26 Grinding Technique for Surplus Crystal Rosenbery, John
B., W9PBI

Mar 1963 QST 30 Grinding Surplus Hermetically Sealed Crystals Wilson,
Robert, W5EIM

Aug 1962 QST 27 Crystal Grinding and Etching Kit (New Apparatus)
Campbell, E. Laird, W1CUT

Nov 1959 QST 54 Another Crystal Grinding Compound (Hints and Kinks)
Borisksin, Kim A., K2MGS

Feb 1954 QST 45 Grid-Dip Meter as an Aid to Crystal Grinding, The (Hints
and Kinks) Kujampaa, Alvar, W1KJO

Jul 1953 QST 48 Using Copper Brite for Crystal Grinding (Hints and Kinks)
Riesland, LeRoy, W7LVB

Mar 1953 QST 138 Using Emery Paper For Crystal Grinding (Hints and Kinks)
Webster, George, W2CPT

Jul 1952 QST 68 Another Crystal-Grinding Hint (Hints and Kinks) Heinrich,
Harry, W9KPG

Jun 1949 QST 120 Another Crystal-Grinding Kink (Hints and Kinks) Gunther,
Elmer A., W0ACC

Apr 1946 QST 76 Crystal Grinding Compound (Hints and Kinks) Breetz, Louis
D., W8QLP

Apr 1946 QST 48 Crystal Grinding Without Tears Cowles, Francis R., W1AOK

Jan 1942 QST 62 kitchen cleanser for grinding down crystals (Strays) ,
W1NEA

Feb 1935 QST 28 Grinding and Finishing Quartz Crystal Plates Loucks,
Ivan, W9ON

Sep 1931 QST 88 How to Grind Crystals (Strays) , W4BY

Apr 1930 QST 41 Crystallizing Crystal Grinding Lamb, James J., W1CEI

Jun 1928 QST 62 Grinding Crystals (Correspondence) Watts, Jr., E.G., 4FM

May 1928 QST 37 A Crystal Grinder Mason, Howard, 7BU

Jan 1926 QST 16 Grinding crystals (Strays)

73, Ed Hare, W1RFI

Date: Fri, 07 Apr 2000 08:16:39 PDT
From: "Donald Philbin" <donauldphilbin@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [67390] Thanks to all for am transmitter help!
Message-ID: <20000407151639.29227.qmail@www61.linkexchange.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

What a group!

Thanks to all of you who have contributed your ideas and references for this
school project!

I will keep you informed as to how everything turns out.

Thanks!

D.K. Philbin KD6TK

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 7 Apr 2000 11:27:39 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "Hare, Ed, W1RFI" <w1rfi@arrl.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67391] RE: Source for FT-243 crystals
Message-ID: <125490A005E3D3118C9C00805FC743CC3E19BB@mail.arrl.org>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

One last item: For a listing of sources of FT-243 crystals, see
<http://www.arrl.org/tis/tisfind.html> and use FT-243 as the search criterion.

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

Date: Fri, 7 Apr 2000 11:46:31 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67392] Re: QRPTTF Rules
Message-ID: <002601bfa0a8\$73f5c620\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was reading the rules and the various not afloat categories are a little vague. What does it take to be an OC or WT station? Must the entire station be under water? (apparently it cannot be above the water or it would be MM). Is it OK if the antenna peeks above the waterline? Can the operator be sitting high and dry on a rock or something whilst the station is in the water? Does he have to hold the key under water to qualify?

I am close to the Great Lakes, and so could possibly operate OC. It still can be mighty cold here in April, but probably not cold enough for the lakes to be still hard (well, maybe if I go up across the straits). Still, sitting in the water in April probably isn't so bright.

Michigan is supposed to be the Water-Winter Wonderland - seems like I should do something!

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 7 Apr 2000 16:53:27 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [67393] Re: Source for FT-243 crystals
Message-ID: <005c01bfa0a9\$782b8b20\$330af10a@wins.nat.bt.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From the SPRAT search engine :-)

Penning crystals by Richard G0RXH - SPRAT 99.
I've tried this and it really works well. Hacksaw the top off a crystal and
apply felt tip pen to crystal (carefully). Let it dry and see where it's
moved to. Then resolder the top back.

The SPRAT index is now available on the Club website complete to issue 102.

Kind regards
Tony - G4WIF/K4WIF
www.gqrp.com

----- Original Message -----
From: Hare, Ed, W1RFI <w1rfi@arrl.org>

> >From the QST search engine:
<snip>

Date: Fri, 7 Apr 2000 08:41:24 +0100
From: n4so@juno.com
To: qrp-l@Lehigh.edu
Subject: [67394] Corrections/comments to CQ Magazine
Message-ID: <20000407.100627.10910.12.N4SO@juno.com>

Corrections/comments to CQ Magazine can go via the Editor:

CQMagazine@aol.com

W2VU@aol.com

Rich, W2VU, Editor

Ken Brown N4SO
Mobile, Alabama
NorCal-20 at 5 watts/4e1 beam

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 7 Apr 2000 12:27:20 EDT
From: DOCROCK1T@aol.com
To: qrp-l@lehigh.edu
Subject: [67395] Re: [Elecraft] KAT2 Toroid "anchors"
Message-ID: <c0.27b5b11.261f6668@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Rod,

The best thing I have found for securing toroids in a mobile/portable rig is a small piece of butyl rubber coax sealant. Roll up a small ball, less than .25 inch in diameter, and mash the wound toroid down onto it until the component has seated on the board before soldering in place. It is non-conductive and I have never seen it change any characteristics of the circuit. It is a great "shock absorber" that holds securely and can be completely removed from the PCB or toroid, if necessary, with a little rubbing. It never hardens.

73/2...

Rick...KB7MPG
Livingston, Montana
QRP-L # 2024

Date: Fri, 07 Apr 2000 12:45:36 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-l@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [67396] Re: QTTF:Where are others setting up?
Message-ID: <20000407.064710.5391.1.kh6b@juno.com>

Hello group,

HiQRPc using the call sign AL0HA will be on a tiny, uninhabited isle in the Hilo Bay for our 8th year. We call it the Moku Ola Island DXpedition. Last year, my K2 got PR exposure for the first time. BTW, the internal battery lasted the entire TTF event. Again, this year, the K2 will be backed up by the Ten-Tec Scout at 5 watts. We will stay on the air after 2400 ut Saturday. Maybe until 0300 ut Sunday.

Aloha,
Dean KH6B HIQRPC #001
Hilo Hawaii

>This forthcoming QTTF K06GF and myself AB6MB will be on Angel Island which resides in the San Francisco Bay.

Date: Fri, 07 Apr 2000 10:32:47 -0700
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [67397] Re: XCVR: Definitive Tick - SST installation.
Message-ID: <38EE1BBF.67DE@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A typo in my note. It is in an SST, not a Sierra...!

GT

--
Allan Taylor K7GT agtaylor@llnl.gov

Date: Fri, 7 Apr 2000 13:40:35 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>

Cc: "North GA QRP" <nogaqrp@qth.net>
Subject: [67398] FW: Geomagnetic Storm
Message-ID: <NBBBJDEEIFDDANGEGLBMEANJKAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: NASA Science News [mailto:science.news@msfc.nasa.gov]
Sent: Friday, April 07, 2000 01:08 PM
To: n4xy@ARRL.NET
Subject: Geomagnetic Storm

NASA Science News for April 7, 2000

A major geomagnetic storm hit our planet on Thursday after an interplanetary shock wave passed by Earth on April 6, 2000. Displays of aurora borealis were spotted in Europe, Asia, Canada, Alaska and in the continental US as far south as North Carolina. The storm appears to be subsiding, but forecasters note that more aurorae might be visible Friday night. FULL STORY at

http://spacescience.com/headlines/y2000/ast07apr_2m.htm

Geomagnetic Storm

NOTE TO READERS: Early next week Science@NASA will post a geomagnetic storm recap featuring images from NASA satellites and from our readers. If you captured any photos of aurorae on April 6-7, we invite you to send them to Tony Phillips at phillips@spacescience.com for possible inclusion in next week's story.

--
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If you need to get in touch with us directly, please go to

<http://science.nasa.gov/comments>

Home page: <http://science.nasa.gov/>

Date: Fri, 7 Apr 2000 10:40:38 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-1@lehigh.edu
Subject: [67399] lowfers, medfers and hifers
Message-ID: <Chameleon.955129367.anthony@anthony-400>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=ISO-8859-1

Ken,

" It would be illegal to transmit in the AM broadcast band.
Refer to QST April 1994, "Build Your Own Lowfer Transceiver"..."

You are mistaken about Part 15. The same rules that apply for the 1750m band apply for (approximately) the AM broadcast band. The difference is the power level and antenna length. (100mw and 5ft or something like that.) When I was interested in the LOWFER movement some years back, many guys ran both and were getting good DX on the broadcast band.

Intentional radiation for any purpose whatsoever is allowed on most other frequencies, but with field strength restrictions instead of alternate power and antenna restrictions. These limiting field strengths correspond to very small powers, assuming a 0dBi antenna, but one interesting thing is that on the 13.5MHz ISM band (Industrial, Scientific and Medical), about 3mW is allowed. With a full size antenna, high and in the clear, you could conceivably work license-free DX.

Notice that Part 15 allows any type of modulation, so it's good for experimenting with modes that are not yet legal under Amateur regulations.

Another interesting thing is that Part 15 allows for unlicensed operation on the ham bands. This could be really useful for training or for getting your kids interested in radio. Of course, even though you have a license you would have to comply with Part 15 to communicate with these unlicensed

offspring, but it is legal. For instance, you could have your kid build a regenerative detector, and she could key the battery to transmit and listen in the phones to receive. You would have to supply the offset in your transmitter/receiver, which could be an identical regen.

There was a thread on QRP-L regarding Part 15, but, sadly, a few people got bent out of shape (because one of the ISM bands corresponds to the 11m CB) and shouted down the first-time (I think) poster so that intelligent discussion quickly died. These privileges are ours just by virtue of being on the planet, and we share them with our unlicensed friends and families. If you QRP low enough, we are all equal.

73, WN6Q

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com
telephone: (805) 730 1565, x25

Date: Fri, 07 Apr 2000 12:58:10 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-l@lehigh.edu
Subject: [67400] 40 meter QSO disaster
Message-ID: <ma8sesgvtfugkq5jqfcdvcks55kg91bb49@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

OK, I camped out (per my stated intent) on 7108 last night from 9:30pm =
local
(CDT). Called CQ for 20 minutes -- no takers. Gave up after that.

I'll try again (God willing) next Tuesday, and again next Thursday.

--
Marty, N5NW

Lakeland (Memphis), Tennessee
<http://marty.w.tripod.com/>
N5NW@midsouth.rr.com

Date: Fri, 7 Apr 2000 14:04:21 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <N5NW@midsouth.rr.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [67401] Re: 40 meter QSO disaster
Message-ID: <010c01bfa0bb\$b484e500\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Marty,

If you look at N4XY's posting about 15 minutes before yours, you'll see why. I was wondering why my freshly-built NC-20 wasn't working. I suspected something like this when I listened around on the Icom and heard the same thing.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 7 Apr 2000 13:13:13 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-l@lehigh.edu
Subject: [67402] Tick Keyer Piezo element
Message-ID: <0FA14B1439.80A5F345-0N862568BA.0063F92B@ra.rockwell.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

What is the Radio Shack PN for the piezo element used on the tick keyers or will any 5v element do.

Brian AE9K

Date: Fri, 7 Apr 2000 14:53:34 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [67403] 10 m SSB Freq?
Message-ID: <v03110710b513db00813a@[132.235.81.133]>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Gang,

I am just finishing installing a HR 2600 10 meter all-mode in my car. Where is everyone hanging out in the SSB portion?

72 de NS80

PS: 10 seems to be in bad shape today...

Date: Fri, 07 Apr 2000 13:30:20 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: weinfurt@oak.cats.ohiou.edu
Subject: [67404] Re: 10 m SSB Freq?
Message-ID: <38EE374C.C29A885A@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I thought it was a found 28.335 but maybe that has changed by now. No microphone so don't really look for the ssb freqs.

--

"The more I see of the representatives of the people,
the more I admire my dogs."
letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
(also w5xe@juno.com)ARRL VE, El Paso, (FAR WEST) TEXAS

Date: Fri, 07 Apr 2000 13:01:58 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>, Roger Hightower <n7kt@worldnet.att.net>, Bob Hightower <ki7mn@extremezone.com>, mikebray@uplogon.com, kb7ww@chatusa.com
Subject: [67405] QrpDupe - Latest Version Posted
Message-ID: <38EE3EB6.89F5E0E4@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I just uploaded version Beta 1.5 of the free QRPDUPE program that some of you have tried. I managed to incorporate a few of the changes that were suggested, and added the upcoming QRPTTF contest to the list. There was a bug in the TX Power multiplier calculation as well that has been fixed.

Some features that have existed for some time, but not publicized, are now included in the ReadMe file.

The program is totally free in it's current posted version, as I am looking for a few brave folks to try it, and let me know what they think (good or bad).

You can download the program and the ReadMe file as one zipped file at:

<http://www.dancris.com/~bkassel/index.htm#top>

Thanks to all who have used it,

Brian K7RE

Date: Fri, 07 Apr 2000 13:27:55 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67406] HW-99
Message-ID: <38EE44CB.485179C7@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anybody operating an HW-99? If so, I need some information.

72,

Norm/KQ6SD

Date: Fri, 07 Apr 2000 14:33:41 -0500
From: "James Johnson" <kc5j pz@eudoramail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67407] Re: lowfers, medfers and hifers
Message-ID: <AHPHDDNPPICEBAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

On Fri, 7 Apr 2000 10:40:38 Anthony Felino wrote:

>The same rules that apply
>for the 1750m band apply for (approximately) the AM broadcast band.
>The difference is the power level and antenna length. (100mw and
>5ft or something like that.)

The length is 3 meters for the antenna.

>Intentional radiation for any purpose whatsoever is allowed on
>most other frequencies, but with field strength restrictions
>instead of alternate power and antenna restrictions. These limiting field
>strengths correspond to very small powers, assuming a 0dBi antenna,
>but one interesting thing is that on the 13.5MHz ISM band
>(Industrial, Scientific and Medical), about 3mW is allowed.

ISM is part 18...Do not try to operate with ISM rules if you are trying to establish QRP communications. The 13.56MHz band is also used in Part 15. You can have a field strength of 10,000 microvolts per meter measured at a distance of 30 meters from your antenna.

>With a full size antenna, high and in the clear, you could conceivably
>work license-free DX.

I agree.

>Notice that Part 15 allows any type of modulation, so it's good for experimenting
>with modes that are not yet legal under Amateur regulations.

Great point. You can also play music so you can turn the transmitter on and drive away to check the range of your transmissions.

>

>Another interesting thing is that Part 15 allows for unlicensed operation
>on the ham bands.

Power levels are much lower on these frequencies.

>This could be really useful for training or for getting
>your kids interested in radio. Of course, even though you have a license
>you would have to comply with Part 15 to communicate with these unlicensed
>offspring, but it is legal. For instance, you could have your kid build
>a regenerative detector, and she could key the battery to transmit and listen
>in the phones to receive. You would have to supply the offset in your
transmitter/
>receiver, which could be an identical regen.

>
>There was a thread on QRP-L regarding Part 15, but, sadly, a few
>people got bent out of shape (because one of the ISM bands corresponds
>to the 11m CB) and shouted down the first-time (I think) poster so that
>intelligent discussion quickly died.

Only about 3 out of 3,000 subscribers grumbled about it.

These privileges are ours just by virtue
>of being on the planet, and we share them with our unlicensed friends and
>families. If you QRP low enough, we are all equal.

>
>73, WN6Q

>-----
>Anthony Felino, Pacific Information Design
>email: anthony@pacinfosb.com
>telephone: (805) 730 1565, x25
>-----

There are a couple of companies that have web sites that sell ARS equipment
and other equipment such as "AM" broadcast band QRP transmitters. Ramsey is one
of them and I do not remember the name of the other one.

Digital bipolar spread-spectrum QRP high-fidelity audio anyone?

James Johnson
kc5j pz@eudoramail.com

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at
<http://www.eudoramail.com>

Date: Thu, 6 Apr 2000 13:27:17 -0700 (PDT)
From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67408] QRP ARCI Spring QSO Party
Message-ID: <20000406202717.11463.qmail@web1105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Checking out the rules for this contest, I discover
that I don't now what s/p/c/ means. "Exchange
RST, S/P/C, ARCI number (non-members send power)". I'd
like to try this contest but need to now what the
exchange is. Thanks for your time.

=====

Dave Pomeroy K8DNP Southwest Michigan

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

Date: Fri, 7 Apr 2000 18:03:37 -0400

From: "Ron Polityka" <wb3aal@talon.net>

To: ". QRP-L" <qrp-l@Lehigh.EDU>

Subject: [67409] WB8RCR QSL Program

Message-ID: <000601bfa0dd\$21398ea0\$84e508cf@wb3aal>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello,

This could be a repeat message from many months ago.

Do you use the WB8RCR QSL Program?

If so, what kind of card stock do you use?

Thanks,

72 & 73

Good DXing

Ron Polityka

de WB3AAL

wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv

<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call

N3EPA E-mail address: n3epa@talon.net

EPA QRP #1

NJ QRP #179

KL7 QRP # 309

G-QRP # 3031

ARCI QRP # 5318

10 - X #13173

NorCal

Zombie #625

ARS # 380

HI-QRP #153

VA QRP Society

Date: Sat, 08 Apr 2000 08:00:52 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67410] Re: lowfers, medfers and hifers
Message-ID: <38EE5A94.2369B73C@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

James Johnson wrote:

> ISM is part 18...Do not try to operate with ISM rules if you are trying to establish QRP communications. The 13.56MHz band is also used in Part 15. You can have a field strength of 10,000 microvolts per meter measured at a distance of 30 meters from your antenna.

I find this to be a significantly interesting technical topic.

1. How does one actually determine the FS is 10,000 uV/metre at 30m?
2. For example with any QRP rig what final output (in say mW) is going to produce that end goal?

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Fri, 7 Apr 2000 18:09:54 EDT
From: Shepherd@aol.com
To: qrp-l@lehigh.edu
Subject: [67411] Re: WB8RCR QSL Program
Message-ID: <65.2faaf66.261fb6b2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/7/00 6:02:12 PM Eastern Daylight Time, wb3aal@talon.net

writes:

<< Hello,

This could be a repeat message from many months ago.

Do you use the WB8RCR QSL Program?
If so, what kind of card stock do you use?

Thanks,
72 & 73
Good DXing >>

I use 90# index paper in my HP 560c, it's very close to what you get from printers.

72, 73, oo's
Dan, N8IE Kettering, Oh
FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667, SOC #284
<http://members.aol.com/shephed/n8ie.htm>

Date: Fri, 7 Apr 2000 16:14:19 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Cc: <elecraft@ns3.qth.net>
Subject: [67412] Get out & 'TEST'
Message-ID: <002101bfa0de\$bf6ae1e0\$bc101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

I'm not a tester, but I do enjoy the fun stuff: ARS Sprints, To The Field events, special operations like, W5KID and W1FB; and QSO Parties. QRP-ARCI throws two parties per year and the Spring QSO party starts tomorrow.

QRP ARCI Spring QSO Party (CW)QRP Contest!!!

Apr 8 -1200z to Apr 9 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/arcitst.htm>

The folks in this event are friendly and accommodate your speed,

you'll even hear folks rag chewing a bit. If you never tried one of these event please do so, even if it's only for an hour or two. I guarantee you will enjoy yourself.

If you a still wondering should I? shouldn't I? here are...

Rod's Top Ten Reasons to Play in the QRP ARCI Spring QSO Party:

10) You just finished building an new DSW-X0 and you're dyeing to try it out.

9) You just finished building a K2 and you're dyeing to they it out.

8) You just finished build any kit and you dyeing to try it out.

7) You put up a new antenna and

6) You finished up all those "Honey Do's" last weekend.

5) You finished up all the early spring yard work last week end.

4) The car can go another week without being washed.

3) You want to practice your CW

2) You want to improve your CW speed (Hint: set you keyer 2-5 wpm faster
than normal you will amaze yourself.)

And Rod's number one reason why to "QRP_ARCI Spring QSO Party".....

1) IT'S FUN! And folks that what it's all about.

See you on the air this weekend!!!!

72/3 Rod, N0RC -- Fort Collins, CO

Date: Fri, 7 Apr 2000 18:17:52 EDT
From: GUARDM@aol.com
To: qrp-l@lehigh.edu
Subject: [67413] Balun ideas

Message-ID: <da.29c7ff6.261fb890@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello guys,

I was wanting to build a balun for use on my dipole antenna to take along hiking the hills of Wisconsin (yes we have some). Will be using it with my NorCal40a. Any Ideas?
Thanks.

73/74,
Mev KG9NF
Madison Wisconsin
QRP-L #2066 10X #7014 ARS #641 SOC#127
<http://www.qsl.net/kg9nf> ICQ# 49602335
"Never drive faster than the Angels can fly!" -Bumper Sticker-

Date: Fri, 7 Apr 2000 16:17:12 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Cc: <elecraft@ns3.qth.net>
Subject: [67414] Get out & 'TEST'
Message-ID: <002f01bfa0df\$091cd960\$bc101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

I'm not a tester, but I do enjoy the fun stuff: ARS Sprints, To The Field events, special operations like, W5KID and W1FB; and QSO Parties. QRP-ARCI throws two parties per year and the Spring QSO party starts tomorrow.

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9) You just finished building a K2 and you're dying to try it out.

8) You just finished build any kit and you dying to try it out.

7) You put up a new antenna and

6) You finished up all those "Honey Do's" & Yardwork last weekend

5) The car can go another week without being washed.

4) You want to pick up states for WAS

3) You want to practice your CW

2) You want to improve your CW speed (Hint: set you keyer 2-5 wpm faster than normal you will amaze yourself.)

And Rod's number one reason why to "QRP_ARCI Spring QSO Party".....

1) IT'S FUN! And folks that what it's all about.

See you on the air this weekend!!!!

72/3 Rod, NØRC -- Fort Collins, CO

Date: Fri, 7 Apr 2000 15:38:47 -0700
From: Ron Baldwin <ron_baldwin@fireclay.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67415] Re: Antenna Question
Message-ID: <v04210101b5141315c0d9@[205.225.17.148]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Could you explain counterpoise. Do they run on the ground. Are they
1/4 wave length?

>... My wire was about
>67 feet long, straight from the post on the tuner, with
>4 or 5 counterpoise wires for the bands of interest,
>on the groundpost of the tuner. 80 was not so good, but
>on 40, 30, 20 it worked very well. And tuned up on 17
>and 15 but the bands were not open at that time. Best
>dx was LU, DL and LZ on 40 and ZS5 on 30 meters. Because
>of the hours of operation, no Pacific or Far East stations
>were were worked. My maximum power was 4 watts with the
>FT757sx on one trip and the QRP+ on others.
>The point is that I think you have the basic length
>already, and with the counterpoises attached, ready to go
>and it does work quite well (or should) on the WARC bands.
>It is basically a 3/4 wave ended for 30, shifting more to
>a directional pattern with some gain as you go higher in
>frequency. Good luck.
>73
>Ray
>
>
>--
>"The more I see of the representatives of the people,
>the more I admire my dogs."
>letter from Count d'Orsay to John Foster 1850
>-----
>Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2 SOC#78
>(also w5xe@juno.com)ARRL VE, El Paso,(FAR WEST) TEXAS

Ron K6EXT

K6EXT@fireclay.com
also at ron_baldwin@westvalley.edu

<http://www.fireclay.com/k6bj>

Date: Fri, 7 Apr 2000 16:30:47 -0600

From: "Rod, N0RC" <n0rc@qsl.net>

To: <dave_pomeroy@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [67416] Re: QRP ARCI Spring QSO Party
Message-ID: <004701bfa0e0\$f14df600\$bc101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave, et. al.

S/P/C = State/Province/Country

My call sign is N0RC, I live in Colorado and my QRP-ARCI Membership is 9952. So I will be sending:

W8DNP 559 CO 9952 QSL? BK

to which you would reply, assuming you are not a member, running a watt rig

N0RC QSL TU 559 MI 5W QSL? BK

and I would conclude

QSL TU Dit Dit

Listen to a few exchanges on air tomorrow to get the flow of a complete QSO it's easy and fun. Also check out the Contesting Tips offered by K3WWP at: http://www.alltel.net/~johnshan/contest_tips.html lots of good pointer on how to be successful.

GL

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, April 06, 2000 2:27 PM
Subject: QRP ARCI Spring QSO Party

> Checking out the rules for this contest, I discover
> that I don't now what s/p/c/ means. "Exchange
> RST, S/P/C, ARCI number (non-members send power)". I'd

> like to try this contest but need to now what the
> exchange is. Thanks for your time.
>
>
>
> =====
> Dave Pomeroy K8DNP Southwest Michigan
>
> -----
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> <http://im.yahoo.com>

Date: Fri, 07 Apr 2000 15:57:00 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [67417] Nice surprise
Message-ID: <38EE67BC.A01C361C@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I picked up the mail today, and found a very nice Zombie pin, along with the certificate.

Thanks, Jan and Paul, for a good job and a fun contest.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

End of QRP-L Digest 1784

